

 **Trinity Consultants** is a leading global environmental consulting firm that brings 50 years of experience providing services and solutions in the EHS Regulatory Compliance, Built Environment, Life Sciences, and Water & Ecology markets. Trinity has the technical expertise, industry depth, and specialized capabilities to help clients achieve their goals across the natural and built environments.

Trinity is recognized as a leader in environmental consulting services with more than four decades of experience supporting multiple industrial sectors including power generation. Well known for expertise in environmental permitting and compliance, Trinity works from a perspective of understanding and support for clients' broader business objectives. Over the years, Trinity has broadened its services beyond its cornerstone expertise in air quality to meet client needs, however our commitment to providing accurate, timely and valuable service for its clients has never wavered.

With more than 70 offices and a staff of over 600, Trinity is strategically positioned to assist clients with the critical environmental issues related to power plant permitting and compliance. Our experienced staff provides valuable expertise in engineering, environmental sciences, meteorology, project management, and business. This diverse and multi-disciplined group of experienced and dedicated professionals allows Trinity to deliver the highest quality solutions, efficiently and cost-effectively.

Trinity provides comprehensive environmental project management and technical support services for the permitting/licensing of power plants, renewable energy production facilities, transmission lines, pipelines, and energy storage projects in the U.S. These services extend from initial fatal flaw analyses all the way to commissioning and on-going environmental compliance support during commercial operation.

### Environmental Permitting and Compliance

Trinity understands the unique and challenging federal and state permitting and compliance issues faced by power generation facilities. In the last decade, Trinity has assisted at over 800 client sites with more than 3,000 power-related projects in the U.S. Our consultants are well versed on the regulatory demands associated with maintaining compliance and making physical and operational changes to gas, oil, biomass, and coal-fired assets.



Trinity provides power industry clients with a wide array of technical support including:

- Environmental fatal flaw analysis and site selection
- Greenfield and brownfield environmental due diligence
- Regulatory applicability analysis and permitting strategy
- Local, state, and federal agency communication and negotiations
- Community outreach
- State and federal air permitting including PSD and non-attainment NSR
- Continuous Emissions Monitoring Systems (CEMS) assistance
- Title V permitting
- Clean Power Plan applicability and strategy
- Utility MACT compliance
- Acid Rain/CSAPR permitting and allocations
- State and federal hazardous waste reporting
- Water resources/water withdrawal permits
- Wastewater discharge permitting
- Solid waste handling and disposal
- Environmental Management Information System (EMIS) implementation
- Process Hazards Analysis (PHA)
- Pressure relief valves and flare header studies
- Energy assessments
- Litigation support and expert testimony
- Regulatory compliance auditing

Often, air quality is the most critical environmental issue in the development of a new power project. Our focus on air quality allows us to anticipate and adapt to the inevitable challenges that arise during the permitting process for a new and modified electrical generating units. Trinity tracks the issuance of major NSR permits for power

plants across the U.S. We also monitor BACT and LAER determinations to identify trends that may impact future permitting projects. Further, Trinity follows contested NSR cases to stay abreast of the latest tactics utilized by environmental groups to delay or stop the development of new power plants. Trinity's experience with Clean Air Act regulations enables us to respond quickly and effectively to these challenges.

## Air Dispersion Modeling

Trinity is widely recognized for expertise in performing air dispersion modeling in support of permit applications, SIP planning, compliance demonstrations, emergency response planning, and impact and feasibility assessments. Trinity staff have performed thousands of air dispersion modeling analyses using dispersion models sanctioned by EPA and other regulatory authorities. Our modeling experience allows us to provide state-specific insight for each project and to develop the most beneficial strategies based on client needs.

## Ambient and Meteorological Monitoring Services

Trinity provides comprehensive, turnkey ambient air quality and meteorological monitoring services to our clients. Trinity's goal is to provide solutions that are technically excellent, cost-effective, and designed to meet your specific monitoring requirements.

## Process Hazard Analysis

From greenfield to existing construction, Trinity delivers top quality process hazard analysis (PHA). The Trinity advantage is our thorough understanding of EHS regulatory program requirements, including air permitting, water permitting, and spill prevention, coupled with our extensive operational and engineering knowledge, enables our PHA administrators to prioritize questions for optimal safe conditions for project startup. Our coordinated PHA approach ensures your facility has the latest methodologies available benefiting from Trinity's extensive project experience.

## Auditing Services

Trinity is known for our skills in evaluating compliance with regulatory requirements and conformance with management system processes and practices. Using extensive permitting experience and deep knowledge of state and federal environmental regulations, Trinity conducts effective compliance audits to ensure that all applicable regulations have been properly addressed, determine compliance status, and suggest corrective action where needed. The result is a complete picture of all regulatory requirements to help facilities attain or maintain compliance. Trinity provides a full range of audit services from audit planning through implementation and closure of corrective action items.

## Professional EHS Training

Since its inception in 1974, Trinity has been committed to providing professional education on environmental issues. Trinity offers more than 300 courses annually for EHS professionals including several power-focused courses. We also routinely provide custom training

to power sector clients focused on environmental permitting and compliance topics.

## Why Choose Trinity

Trinity's power sector clients are served by a strong team of experienced consulting professionals who collaborate and communicate frequently on issues related to the industry to ensure that each project leverages the most current information. Furthermore, Trinity is well respected by state and federal environmental agencies and maintains alliances with a network of top tier environmental attorneys and allied service providers.

Whatever your challenge, Trinity has the experience and insight to provide intelligent solutions that can create a competitive advantage and optimize your organization's environmental performance. Our knowledge and experience across a wide range of environmental issues make us an excellent partner for addressing these matters.

*ISO 9001:2015 certified at our corporate office in Dallas, Texas*

### CONTACT OUR TEAM!

For more information about how we can help your organization, please contact us.

**Trinity Dallas Office**  
P 800.229.6655

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